Author Index

Alhama, J., López-Barea, J. and Toribio, F.
High-performance affinity chromatography of $NADP^+$ dehydrogenases from cell-free extracts using a nucleotide analogue as general ligand 586(1991)51

Andert, K., see Brandl, G. 865(1991)249

Armstead, I. P. and Ling, J. R.
Chromatographic separation of mixed peptides from amino acids in biological digests with volatile buffers 586(1991)259

Arrowood, S. and Hoyt, Jr., A. M.
Determination of cimetidine in pharmaceutical preparations by capillary zone electrophoresis 586(1991)177

Arshady, R.
Beaded polymer supports and gels (Review). I. Manufacturing techniques 586(1991)181

Arshady, R.
Beaded polymer supports and gels (Review). II. Physicochemical criteria and functionalization 586(1991)199

Arvidsson, T., Collijn, E., Tivert, A.-M. and Rosén, L.
Peak distortion in the column liquid chromatographic determination of omeprazole dissolved in borax buffer 586(1991)271

Baeyens, W., see Lansens, P. 586(1991)329

Betto, P., Ciranni-Signoretti, E. and Di Fava, R.
Determination of cimetidine and related impurities in pharmaceutical formulations by high-performance liquid chromatography 586(1991)149

Borák, J., see Macka, M. 586(1991)291

Börnsen, K. O., see Steiner, V. 586(1991)43

Bourguignon, B. and Massart, D. L.
Simultaneous optimization of several chromatographic performance goals using Derringer's desirability function 586(1991)11

Brandl, G., Kastner, F., Mannschreck, A., Nölting, B., Andert, K. and Wetzel, R.
Chiroptical detection during liquid chromatography. III. Non-stop acquisition of circular dichroism spectra during liquid chromatography 865(1991)249

Busson, R., see Naidong, W. 586(1991)67

Cao, X.-L.
Determination of specific retention volumes at 20°C for hydrocarbons on microporous carbons 586(1991)161

Carr, P. W., see Park, J. H. 586(1991)1

Casais Laiño, C., see Lansens, P. 586(1991)329

Ciranni-Signoretti, E., see Betto, P. 586(1991)149

Coca, J., see Vega, A. 586(1991)303

Collijn, E., see Arvidsson, T. 586(1991)271

Coustille, J. L., see Latxague, L. 586(1991)166

Creaser, C. S., Koupai-Abyazani, M. R. and Stephenson, G. R.
Origin and control of multi-peak formation in the analysis of trimethylsilyl derivatives of flavanone aglycones by capillary column gas chromatography 586(1991)323

Di Fava, R., see Betto, P. 586(1991)149

Ding, S. F., see Peng, C. T. 586(1991)85

Doerge, D. R. and Yee, A. B. K.
Liquid chromatographic determination of ethylenethiourea using pulsed amperometric detection 586(1991)158

Dudley, R. L., see Sonnet, P. E. 586(1991)255

Dyas, A. M., Robinson, M. L. and Fell, A. F.
Direct separation of nadolol enantiomers on a Pirkle-type chiral stationary phase 586(1991)351

Eiteman, M. A. and Gainer, J. L.
Predicting partition coefficients in polyethylene glycol–potassium phosphate aqueous two-phase systems 586(1991)341

El'kin, Y. N., see Voinov, V. G. 586(1991)360

Erlandsson, P., see Marle, I. 586(1991)233

Fang, S., see Lebl, M. 586(1991)145

Fell, A. F., see Dyas, A. M. 586(1991)351

Furusaki, S., see Kim, M. 586(1991)27

Gainer, J. L., see Eiteman, M. A. 586(1991)341

Gallois, A., see Morin, P. 586(1991)171

Gardrat, C., see Latxague, L. 586(1991)166

Gaydou, E., see Morin, P. 586(1991)171

Hansson, L., see Marle, I. 586(1991)233

Hjertén, S., see Liao, J.-L. 586(1991)21

Hoogmartens, J., see Naidong, W. 586(1991)61

Hoogmartens, J., see Naidong, W. 586(1991)67

Hoyt, Jr., A. M., see Arrowood, S. 586(1991)177

Hruby, V. J., see Lebl, M. 586(1991)145

Isaksson, R., see Marle, I. 586(1991)233

Ishigaki, I., see Kim, M. 586(1991)27

Iso, S., see Uehara, N. 586(1991)356

Jackson, P. E. and Jones, W. R.
Membrane-based sample preparation device for the pretreatment of acidic samples prior to cation analysis by ion chromatography 586(1991)283

Jang, M. D., see Park, J. H. 586(1991)1

Jones, W. R., see Jackson, P. E. 586(1991)283

Jursík, T., Stránský, K. and Ubik, K.
Trapping system for trace organic volatiles 586(1991)315

Kanaji, Y., see Matsushita, S. 586(1991)363

Kastner, F., see Brandl, G. 865(1991)249

Kato, I., see Ohara, K. 586(1991)35

Khaledi, M. G., see Strasters, J. K. 586(1991)221

Kim, M., Saito, K., Furusaki, S., Sugo, T. and Ishigaki, I.
Protein adsorption capacity of a porous phenylalanine-containing membrane based on a polyethylene matrix 586(1991)27

Kim, S.-T., see Strasters, J. K. 586(1991)221
Kiss, F., see Macka, M. 586(1991)291
Kondo, A., see Ohara, K. 586(1991)35
Koupai-Abyazani, M. R., see Creaser, C. S. 586(1991)323
Kuznetsova, T. A., see Voinov, V. G. 586(1991)360
Lansens, P., Casais Laiño, C., Meuleman, C. and Baeyens, W.
Evaluation of gas chromatographic columns for the determination of methylmercury in aqueous head space extracts from biological samples 586(1991)329
Latxague, L., Gardrat, C., Coustille, J. L., Viaud, M. C. and Rollin, P.
Identification of enzymatic degradation products from synthesized glucobrassicin by gas chromatography–mass spectrometry 586(1991)166
Lebl, M., Fang, S. and Hruby, V. J.
High-performance liquid chromatography of peptides at reduced temperatures: separation of isomers 586(1991)145
Lee, J. E., see Park, J. H. 586(1991)1
Leoncini, R., see Terzuoli, L. 586(1991)153
Li, J.-J., see Park, J. H. 586(1991)1
Liao, J.-L., Zhang, R. and Hjertén, S.
Continuous beds for standard and micro high-performance liquid chromatography 586(1991)21
Ling, J. R., see Armstead, I. P. 586(1991)259
Liu, X., see Lou, X. 586(1991)139
López-Barea, J., see Alhama, J. 586(1991)51
Lou, X., Liu, X., Zhang, S. and Zhou, L.
Enantiomeric separation of α-phenylethylamine and its substituted isomers by gas chromatography 586(1991)139
Macka, M., Borák, J. and Kiss, F.
Separation of some platinum(II) complexes by ionic strength gradient on a solvent-generated ion-exchange sorbent 586(1991)291
Maltby, D., see Peng, C. T. 586(1991)113
Mal'tsev, I. I., see Voinov, V. G. 586(1991)360
Mannschreck, A., see Brandl, G. 865(1991)249
Marinello, E., see Terzuoli, L. 586(1991)153
Marle, I., Erlandsson, P., Hansson, L., Isaksson, R., Pettersson, C. and Pettersson, G.
Separation of enantiomers using cellulase (CBH I) silica as a chiral stationary phase 586(1991)233
Massart, D. L., see Bourguignon, B. 586(1991)11
Matsushita, S., Sugita, M., Motooka, I. and Kanaji, Y.
Determination of calcium ion in the presence of phosphate anion and collagen by capillary-type isotachophoresis 586(1991)363
Meuleman, C., see Lansens, P. 586(1991)329
Mikhailov, V. V., see Voinov, V. G. 586(1991)360
Morin, P., Gallois, A., Richard, H. and Gaydou, E.
Fast separation of polymethoxylated flavones by carbon dioxide supercritical fluid chromatography 586(1991)171
Motooka, I., see Matsushita, S. 586(1991)363
Mutter, M., see Steiner, V. 586(1991)43
Naidong, W., Verresen, K., Busson, R., Roets, E. and Hoogmartens, J.
Isolation of doxycycline, 6-epidoxycycline and 2-acetyl-2-decarboxamidometacycline from commercial metacycline by preparative column liquid chromatography on silica gel 586(1991)67
Naidong, W., Verresen, K., Roets, E. and Hoogmartens, J.
Determination of metacycline and related substances by column liquid chromatography on poly(styrene–divinylbenzene) 586(1991)61
Narusa, Y., see Uda, T. 586(1991)131
Nölting, B., see Brandl, G. 865(1991)249
Ohara, K., Sano, M., Kondo, A. and Kato, I.
Two-dimensional mapping by high-performance liquid chromatography of pyridylamino oligosaccharides from various glycosphingolipids 586(1991)35
Okada, T.
Secondary equilibrium size-exclusion chromatography of ions with polymeric mobile phase additives 586(1991)277
Okuno, K., see Uda, T. 586(1991)131
Osman, S., see Sonnet, P. E. 586(1991)255
Pagani, R., see Terzuoli, L. 586(1991)153
Park, J. H., Lee, J. E., Jang, M. D., Li, J.-J. and Carr, P. W.
UNIFAC model as a heuristic guide for estimating retention in chromatography 586(1991)1
Peng, C. T., Yang, Z. C. and Ding, S. F.
Prediction of retention indexes. II. Structure–retention index relationship on polar columns 586(1991)85
Peng, C. T., Yang, Z. C. and Maltby, D.
Prediction of retention indexes. III. Silylated derivatives of polar compounds 586(1991)113
Pettersson, C., see Marle, I. 586(1991)233
Pettersson, G., see Marle, I. 586(1991)233
Pfeffer, P. E., see Sonnet, P. E. 586(1991)255
Price, G. J.
Prediction of retention in gas–liquid chromatography using the UNIFAC group contribution method. III. Recent developments in UNIFAC 586(1991)297
Ramus, T. L., see Thomas, L. C. 586(1991)309
Richard, H., see Morin, P. 586(1991)171
Robinson, M. L., see Dyas, A. M. 586(1991)351
Roets, E., see Naidong, W. 586(1991)61
Roets, E., see Naidong, W. 586(1991)67
Rollin, P., see Latxague, L. 586(1991)166
Rosén, L., see Arvidsson, T. 586(1991)271
Saar, J., see Yinon, J. 586(1991)73
Saito, K., see Kim, M. 586(1991)27
Sano, M., see Ohara, K. 586(1991)35
Sasunkevich, V. A., see Voinov, V. G. 586(1991)360
Schär, M., see Steiner, V. 586(1991)43
Schwartz, D., see Sonnet, P. E. 586(1991)255
Shijo, Y., see Uehara, N. 586(1991)356
Sonnet, P. E., Dudley, R. L., Osman, S., Pfeffer, P. E. and Schwartz, D.
Configuration analysis of unsaturated hydroxy fatty acids 586(1991)255
Steiner, V., Schär, M., Börnsen, K. O. and Mutter, M.
Retention behaviour of a template-assembled synthetic protein and its amphiphilic building blocks on reversed-phase columns 586(1991)43

Stephenson, G. R., see Creaser, C. S. 586(1991)323
Stránský, K., see Jursík, T. 586(1991)315
Strasters, J. K., Kim, S.-T. and Khaledi, M. G.
Multiparameter optimizations in micellar liquid chromatography using the iterative regression optimization strategy 586(1991)221
Sugita, M., see Matsushita, S. 586(1991)363
Sugo, T., see Kim, M. 586(1991)27
Surber, B. W., see Thomas, S. B. 586(1991)265
Suzuki, T., see Uda, T. 586(1991)131
Terzuoli, L., Leoncini, R., Vannoni, D., Marinello, E. and Pagani, R.
High-performance liquid chromatography of thiazolidinic compounds obtained by condensation of pyridoxal 5′-phosphate or pyridoxal with aminothiols L- or D-cysteine, cysteamine, (L-cysteine ethyl ester) 586(1991)153
Thomas, L. C. and Ramus, T. L.
Measurements using gas chromatography with coelution and dual-isotope atomic emission detection 586(1991)309
Thomas, S. B. and Surber, B. W.
Preparative separation and analysis of the enantiomers of [^{3}H]Abbott-69992, an HIV anti-infective nucleoside, by ligand-exchange high-performance liquid chromatography 586(1991)265
Tivert, A.-M., see Arvidsson, T. 586(1991)271
Toribio, F., see Alhama, J. 586(1991)51
Ubik, K., see Jursík, T. 586(1991)315
Uda, T., Okuno, K., Suzuki, T. and Narusa, Y.
Gas chromatography for measurement of hydrogen isotopes at tritium processing 586(1991)131
Uehara, N., Iso, S. and Shijo, Y.
Retention behavior of salicylideneglycinatoaluminium(III) in reversed-phase high-performance liquid chromatography 586(1991)356
Vannoni, D., see Terzuoli, L. 586(1991)153
Vega, A. and Coca, J.
Activity coefficients at infinite dilution determined by gas–liquid chromatography. Organic solvents in Apiezon L 586(1991)303
Verresen, K., see Naidong, W. 586(1991)61
Verresen, K., see Naidong, W. 586(1991)67
Viaud, M. C., see Latxague, L. 586(1991)166
Voinov, V. G., El'kin, Y. N., Kuznetsova, T. A., Mal'tsev, I. I., Mikhailov, V. V. and Sasunkevich, V. A.
Use of mass spectrometry for the detection and identification of bromine-containing diphenyl ethers 586(1991)360
Wetzel, R., see Brandl, G. 865(1991)249
Yang, Z. C., see Peng, C. T. 586(1991)85
Yang, Z. C., see Peng, C. T. 586(1991)113
Yee, A. B. K., see Doerge, D. R. 586(1991)158
Yinon, J. and Saar, J.
Analysis of dyes extracted from textile fibers by thermospray high-performance liquid chromatography–mass spectrometry 586(1991)73
Zamir, I.
Derivatization of saturated long-chain fatty acids with phenacyl bromide in non-ionic micelles 586(1991)347
Zhang, R., see Liao, J.-L. 586(1991)21
Zhang, S., see Lou, X. 586(1991)139
Zhou, L., see Lou, X. 586(1991)139